

Wireless Repeater (V4.2)

Features:

- Receives time data from any Sapling Master Clock, Sapling Repeater, or Sapling Wireless Clock via RF and retransmits the signal to the other Sapling Wireless Secondary Clocks and Wireless Repeaters
- RS485 input/output capability
- Operates on either the 900 MHz or 2.4 GHz frequency range, depending on the model
 - No FCC or special operating license required
- Utilizes frequency-hopping technology
- Powerful 1 Watt Transmitter
 - Transmits up to 1000 meters in open space
- Slim design makes the Wireless Repeater versatile for mounting
- FCC compliant, part 15, section 15,247
- Designed and Produced by Sapling Inc. in Pennsylvania, United States of America



specification sheets may change without prior notice

Wireless Repeater (V4.2)

Specifications:

Color:

Black

Housing:

Smooth surface metal enclosure

Weight:

4 lbs. (1.81 kg)

Antenna Length:

7" (17.78 cm)

Housing Dimensions (LxWxD):

11" x 8" x 1.7" (27.94 cm x 20.32 cm x 4.32 cm) (with bottom cover)

Input Voltage:

85 VAC – 264 VAC, 50/60 Hz

Input:

Sapling Wireless Communication; RS485

RF Signal Output:

30 dBm (1 watt)

Transmission Frequency:

Either 900 MHz or 2.4 GHz frequency-hopping technology

Temperature Range:

Operating: 32°F - 113°F (0°C - 45°C)

Shelf: 5°F - 158°F (-15°C - 70°C)

Compliance:

FCC compliant, part 15, section 15,247

Ordering Information:

Wireless Repeater: SMA-1SR-X000-1

Frequency:
0: 915-928 MHz
G: 2.4 GHz